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Result
No.
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Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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O93434 fugu rubrip
O93135 bombyx mori
O8137 mus musculu
O99615 mus musculu
O99615 homo sapien
O9hbz8 homo sapien
O8szk6 drosophila
O23017 caenorhabdi
O9ctd4 mus musculu
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ALIGNMENTS

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121 DGLVSWEEYKNATYGYVLDDPDPDDGFNYKQMMVRDERRFKMADKDGDLIATKEEFTAFL 180 : : : : : : : : : : : :	61 FDQLTPEESKERLGKIVSKIDGDKDGFVTVDELKDWIKFAOKRWIYEDVEROWKGHDLNE 120 	1 MDLRQFLMCLSLCTAFALSKPTEKKDRVHHEPQLSDKVHNDAQSFDYDHDAFLGAEEAKT 60 	Query Match 93.1%; Score 1583; DB 4; Length 315; Best Local Similarity 92.7%; Pred. No. 4.7e-93; Matches 292; Conservative 10; Mismatches 13; Indels 0; Gaps 0	Ol-DEC-2001 (TrEMBLrel. 19, Created) Ol-DEC-2001 (TrEMBLrel. 19, Last sequence update) Ol-MAR-2002 (TrEMBLrel. 20, Last annotation update) Ol-MAR-2002 (TrEMBLrel. 20, Last annotation update) Calumenin. Homo, sapiens (Human). Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. NCBI_TaxID-9606; [1] SEQUENCE FROM N.A. Peterson R.E. Jr., Watson D.K.; "Novel splice variant of human calumenin."; Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases. InterPro; IPRO02048; EF-hand. Pfam; PF00036; effand; 6, PROSITE; PS00018; EF-Hand; UNKNOWN_4. SEQUENCE 315 AA; 37135 MW; E1BF415B25076676 CRC64;	LT 1 L3 C096RL3 PRELIMINARY; PRT; 315 AA.

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CCC -i- SIMILARIC

CAUGMOUSE

ID CALUMOUSE

AC 035887;

DT 15-JUL-1999

DT 15-JUL-1999

DT 30-MAY-2000

DE Calumenin pro
GN CALU.

Nus musculus

OC Mammalia: End
OX NCBL_TaxID=10

RN [1]

RP SEQUENCE FROM
RC STRAIN-ICR;

RX MEDLINE-9736

RA Yabe D., Naki
RT TCICULUM wii

RT TCICULUM wii

RT TSIMILARI

CC -i- SUBCELLUC

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CC -i- SIMILARI
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SEQUENCE
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                                                             Yabe D., Nakamura T., Kanazawa N., Tashiro K., Honjo T.;
"Calumenin, a Ca2+ binding protein retained in the endoplasmic reticulum with a novel carboxyl-terminal sequence, HDEF.";
J. Biol. Chem. 272:18232-18239(1997).

-i- FUNCTION: NOT KNOWN, BINDS 7 CALCIUM IONS WITH A LOW AFFIN.
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Eukaryota; Metazoa; (
Mammalia; Eutheria; I
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InterPro; IPR002048; EF-hand
Pfam; PF00036; efhand; 6.
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                                                                                                                                    01-NOV-1997 (Rel. 35, Created)
01-NOV-1997 (Rel. 35, Last sequence up
15-JUN-2002 (Rel. 41, Last annotation
Reticulocalbin 1 precursor.
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                                                        Homo sapiens (Human).
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SMART;
                                          NCBI_TaxID=9606
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                                                                                                                          OR RCN
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POTENTIAL.
CALUMENIN.
EF-HAND 1 (POTENTIAL).
EF-HAND 2 (POTENTIAL).
EF-HAND 3 (POSSIBLY ANCE
EF-HAND 4 (POTENTIAL).
EF-HAND 6 (POTENTIAL).
EF-HAND 6 (POTENTIAL).
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Pred. No. 1.2e-92;
3; Mismatches 3
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                                                             Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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Best Local S
Matches 279
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EMBL: AJ001929; CAA05100.1; -.
InterPro. IPR002048; EF hand.
Pfam; PF00036; efhand; 6.
SMART; SM00054; EF1; 2.
SMART; SM00054; EF1; 2.
PROSITE; PS00018; EF_HAND; UNKNOWN_SEQUENCE 315 AA; 36996 MW; 06B7
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035783;
01-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                             binding protein with multiple HDEL sequence.";
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STRAIN-SPRAGUE-DAWLEY;
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STRAIN-SPRAGUE-DAWLEY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Rattus norvegicus (Rat)
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                                                                                                                                                                                                                                                                                                                                                                                                                          STRAIN-SPRAGUE-DAWLEY; TISSUE-BRAIN; MEDLINE-93107083; PubMed-8416973;
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                                                                                                                                                                        FGQLTPEESKEKLGMIVDKIDTDKDGFVTEGELKSRIKHAQKKYIYDNVENQWQEFDMNQ 120
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QATDFGEALVRHDEF 315
                                                                                               HPEEYÖŸMKDIVVQETMEDIDKNADGFIDLEEYIGDMYSHDGNTDEPEWVKTEREQFVEF 240
                                                                                                                             DGLISWDEYRNVTYGTYLDDPDPDDGFNYKPIMVRDERREKMADQDGDLIATKEEFTAFL
                                                      RDKNRDGKMDKEETKDWILPSDYDHAEAEARHLVYESDQNKDGKLTKEEIVDKYDLFVGS
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                                                                                                                                                                                                                                                                                                        UNKNOWN_4.
ww; 0687FED579929E98 CRC64;
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Last annotation update)
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RANGE BERGER RESIDENCE SERVICE SERVICE
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Best Local Similarity
Matches 274; Conserv
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Q9MZ46;
Q9MZ46;
Q9MZ46;
Q1-QT-2000 (TrEMBLrel. 15, Created 01-QT-2000 (TrEMBLrel. 15, Last se 01-MAR-2002 (TrEMBLrel. 20, Last ar 01-MAR-101ke protein (Fragment)
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01-CCT-2000 (TrEMBLrel. 15, Last sequence update)
01-UN-2002 (TrEMBLrel. 21, Last annotation update)
Crocalbin-like protein (Fragment).
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"Crocalbin: a new calcium-binding protein that is also a binding protein for crotoxin, a neurotoxic phospholipase A2.";
FEBS Lett. 445:440-444(1999).
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Eukaryota; Metazoa; C
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Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases
EMBL; AF257659; AAF76141.1; -.
InterPro; IPR002048; EF-hand.
Pfam; PF00036; efhand; 6.
SMART; SM00054; EFh; 3.
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Eukaryota; Metážoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae;
NCBI_TaxID=9823;
[1]
                                                                                        Crocalbin-like p
Sus scrofa (Pig)
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                                                                                                                                                                                                                                                                                                                                                                                                                                               296 AA;
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Pred. No. 3e-87;
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